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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 1700 89A

First Inventor Collins

Title METHOD AND APPARATUS FOR RAPID FAT CONTENT DETERMINATION

Express Mail Label No. EL921582093US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 30]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. Oath or Declaration [Total Pages 2]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 09 / 603,487

Prior application information: Examiner Y. Gakh

Group / Art Unit: 1743

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name

PATENT &amp; TRADEMARK OFFICE

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Philip Summa

Registration No. (Attorney/Agent)

31,573


Signature

Date

12/04/01

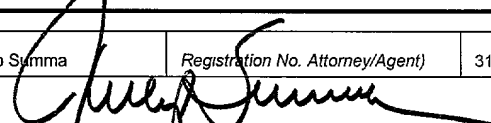
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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<b>12/04/01</b>  <b>PTO 64 U.S. PTO</b>	<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2001</h2> <p style="font-size: small; margin-top: 10px;">Patent fees are subject to annual revision.</p>	<b>Complete if Known</b>				
	Application Number		To be assigned			
	Filing Date		Concurrently herewith			
	First Named Inventor		Collins			
	Examiner Name					
Group / Art Unit						
Attorney Docket No.		1700 89A				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; border: 1px solid black;"><b>TOTAL AMOUNT OF PAYMENT</b></td> <td style="border: 1px solid black;">(\$)</td> <td style="border: 1px solid black; width: 10%;">568</td> </tr> </table>				<b>TOTAL AMOUNT OF PAYMENT</b>	(\$)	568
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<p><b>METHOD OF PAYMENT (check one)</b></p> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to.</p> <p>Deposit Account Number: <span style="border: 1px solid black; padding: 2px;">50-0332</span></p> <p>Deposit Account Name: <span style="border: 1px solid black; padding: 2px;">Summa &amp; Allan, P.A.</span></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 20px;"> <input checked="" type="checkbox"/> Check            <input type="checkbox"/> Credit card            <input type="checkbox"/> Money Order            <input type="checkbox"/> Other       </p> <p style="text-align: center; border-top: 1px solid black; margin-top: 10px;"><b>FEE CALCULATION</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="6">1. 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EXTRA CLAIM FEES</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>Total Claims</td> <td><span style="border: 1px solid black; padding: 2px;">42</span></td> <td>-20**</td> <td>=</td> <td><span style="border: 1px solid black; padding: 2px;">22</span></td> <td>X</td> <td><span style="border: 1px solid black; padding: 2px;">9</span></td> <td>=</td> <td><span style="border: 1px solid black; padding: 2px;">198</span></td> </tr> <tr> <td>Independent Claims</td> <td><span style="border: 1px solid black; padding: 2px;">3</span></td> <td>-3**</td> <td>=</td> <td><span style="border: 1px solid black; padding: 2px;">0</span></td> <td>X</td> <td><span style="border: 1px solid black; padding: 2px;">84</span></td> <td>=</td> <td><span style="border: 1px solid black; padding: 2px;">0</span></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td><span style="border: 1px solid black; padding: 2px;"></span></td> <td>=</td> <td><span style="border: 1px solid black; padding: 2px;">0</span></td> </tr> </table> <table style="width: 100%; border-collapse: collapse;"> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102</td> <td>80</td> <td>202</td> <td>40</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104</td> <td>270</td> <td>204</td> <td>135</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>109</td> <td>80</td> <td>209</td> <td>40</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td><b>(\$)</b> 198</td> </tr> </table>	1. 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late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1,390	218	695	Extension for reply within fourth month		128	1,890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,240	241	620	Petition to revive - unintentional		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	130	123	130	Petitions related to provisional applications		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application	
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122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																																
123	130	123	130	Petitions related to provisional applications																																																																																																																																																																																																																																																																																																
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																																																
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																																
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																																																																																
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																																																																																
179	710	279	355	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																																
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																																

\*\*or number previously paid, if greater; For Reissues, see above

<b>SUBMITTED BY</b>				<b>Complete (if applicable)</b>	
Name (Print/Type)	Philip Summa	Registration No. Attorney/Agent)	31,573	Telephone	704-945-6701
Signature				Date	12/04/01

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